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## INTEROFFICE CORRESPONDENCE

DATE: January 28, 1991 DLS-TECH2-91

TO: V.L. Piers, Purchasing, Bldg. 131, X7556

FROM:  V.L. Shear, Remediation Programs Division, T130B, X5976

SUBJECT: TECHNICAL EVALUATION OF RIEDEL ENVIRONMENTAL SERVICES PROPOSAL FOR  
 "OPERABLE UNIT NO. 2 - GRANULAR ACTIVATED CARBON TREATMENT SYSTEM"

- SOLICITATION NO. ASC 84329EB
- LETTER CONTRACT NO. ASC 89882WS
- EXPENSE AUTHORIZATION NO. 986447

The Riedel Environmental Services (RES) proposal is in response to specifications and drawings requested by EG&G Rocky Flats for the procurement and fabrication of equipment needed to treat surface water in the OU-2 project. A second proposal will be required by RES to address modifications to the original statement of work for equipment and operations of the GAC treatment system.

### TECHNICAL PROPOSAL

The technical portion of the RES proposal describes the system fabrication, operation and maintenance activities in sufficient detail to be reasonable and accurate.

Clarification of the bag filter mesh size and pipe diameter is necessary.

The method of trailer anchoring references RFP Standard SC-106, Rev. E. This method involves excavation for the placement of concrete "deadmen". Temporary "corkscrew" tie downs are to be substituted to avoid excavation activities (and costs).

### COST PROPOSAL

The cost portion of the RES proposal does not indicate comparative pricing and quality of equipment and vendors. While some equipment may not be available from vendors under the short time constraints driven by this project, many items, such as pumps, PVC, and PE piping/fittings may be purchased easily. Costs of the following items are unacceptable as proposed and require further clarification:

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Section 4.5 Subcontractors

Further clarification of labor hour and materials is required of all three items for heat tracing, electrical, and drafting services. The lump sum estimates as presented are unacceptable.

DLS:plf

cc:

G. M. Anderson  
T. C. Greengard  
D. W. Pontius  
E. H. Wilson

Section 4.1 Labor

Estimated hours for the Project Manager and Chemical Engineer are excessive and should be cut in half.

The compared labor rates for the Chemical Engineer and Mechanical Engineer vary considerably, raising questions of their respective qualifications.

The Professional Engineer is required only to sign drawings; 80 hours of labor is excessive. Further, a "Professional Engineer" is any licensed engineer, be it mechanical or chemical.

System training and testing is required not only of the foreman, but of all individuals that will be operating the system.

Sections 4.2 and 4.3 Riedel and Rented Equipment

Costs for the use of a van, boom truck, and pickup are all excessive. A comparison of the Riedel versus rental costs for a boom truck are doubled: Riedel cost \$1300/week, rental \$600/week.

Section 4.4 Materials/Equipment Purchases

All lump sum items must be itemized.

Trailer modification costs are excessive as presented and should include labor and materials for further clarification.

The PVC and PE pipe/fittings were estimated for approximately 200 linear feet, equating to \$23/LF just for PVC. The lump sum costs presented are excessive and should be at least half.

The Miscellaneous cost of \$19,000 must be specific. If clarification of this cost is not provided, it should not be included in the contract award.